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1 August 1974

Study of Recreational Land and Open Space
Using SKYLAB Imagery
Monthly Progress Report, June 1974

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Prepared by

Irvin J. Sattinger - Principal Investigator

NASA Technical Monitor

Mr. R. E. Joosten/TF6

National Aeronautics and Space Administration
Johnson Space Center
Principal Investigator Management Office
Houston, Texas 77058

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Continuing effort was devoted during this reporting period to pre-mission analysis activities in connection with the S192 data. This work will enable the project to handle S192 data for the project test site expeditiously as soon as it becomes available. Preliminary processing of tape data for another site was conducted to check out recently developed software and to test its compatibility for use with S192 data. The resulting data are also being used to provide preliminary experience with the data output and to assess the output with respect to data quality and interpretation.

S190A photography was received for an EREP pass across Michigan on 12 January 1974 which included Test Site 819522 (Oakland County). This photography has been examined to determine its utility for land use mapping. The scene is heavily snow covered. All of Lake St. Clair is covered by snow, but the land-water boundary can be discerned. The western part of Lake Huron out to a distance of 5 or 10 miles is ice-covered. The urban areas of Detroit can be distinguished from surrounding areas and major transportation arteries are visible, but the contrast is much less than was observed for the same area without snow. In Oakland County, it is possible to distinguish a number of secondary roads, major wooded areas, and streams, but better discrimination would be likely if the snow cover were not so deep. Some cloud cover also exists over the scene but can be distinguished from snow cover by careful observation.

Submitted by:

Irvin J. Sattinger
Irvin J. Sattinger
Principal Investigator

Approved by:

Paul R. Legault
Richard R. Legault
Director
Infrared & Optics Division